



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.7811

Job Sheet 169475



Part No: 647.7811

Job Qty: 6 ea

Part Name: Bracket B



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/12/17

Job Tracking No:

Due Date: 1/5/18

Created By: Mario Poulin

Type: SOLD

Description:

Note: DWG REV A IPP Rev A: RQ 15.08.06 Verified by: DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		1/4/18	0.00	0.00	Start Up Machining-1		mark
100	Bandsaw	6 pcs		1/4/18	0.00	0.28	Bandsaw1		"
110	CNC Vertical Machining	6 pcs		1/5/18	0.72	2.85	HAAS1-1		"
120	QC	6 pcs		1/5/18	0.00	0.00	QC2 Machining-1		
130	QC	6 pcs		1/5/18	0.00	0.00	QC8 Machining-1		18/01/16
140	Outsource	6 pcs		1/5/18	0.00	0.00	Outsource4		
150	Packaging	6 pcs		1/5/18	0.00	0.00	Packaging2		
155	QC	6 pcs		1/5/18	0.00	0.00	QC5		PD
180	Packaging	6 pcs		1/5/18	0.00	0.00	Packaging3-1		CKOTTA
190	QC21-SA	6 Ea		1/5/18	0.00	0.00	QC21		

Part Op 100 - Cut Blank at 10.313"

Descriptions: 110 - 1-Machine per folio FB408

140 - Issue P/O to ATG : 035802 1- Black Anodize as per Dwg 647.7800

180 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

JAN 17 2017

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M7075T6B6.000X0.250	5	18	0	0

Part Specifications

Specifications could not be found.

(M137968/10) 502927 x 6

Plex 12/12/17 1:54 PM dart.poulin.mario

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fa' ☐ Finishir ☐ Compos ☐ ☐ let ☐ Engineering ☐ Quality ☐																																																																																								
Date : _____	Step #: _____	QTY Effective : _____																																																																																								
Description Work Order Deviation		Disp _____																																																																																								
Root Cause <table style="width:100%;"> <tr><td>Environment</td><td>☐</td><td>No Re-verification</td><td>☐</td></tr> <tr><td>Design</td><td>☐</td><td>Operator</td><td>☐</td></tr> <tr><td>Doc/Data</td><td>☐</td><td>Offset/Setup</td><td>☐</td></tr> <tr><td>Equip/Tooling</td><td>☐</td><td>Supplier</td><td>☐</td></tr> <tr><td>Handling/Pre</td><td>☐</td><td>Training</td><td>☐</td></tr> <tr><td>Material</td><td>☐</td><td>Use for Testing</td><td>☐</td></tr> <tr><td>Internal Transport</td><td>☐</td><td>Poor Information</td><td>☐</td></tr> <tr><td>Tribal Knowledge</td><td>☐</td><td>Rushing</td><td>☐</td></tr> <tr><td>LOA</td><td>☐</td><td>Product Improvement</td><td>☐</td></tr> <tr><td>Substation</td><td>☐</td><td>Process Improvement</td><td>☐</td></tr> <tr><td>Past Expiry Date</td><td>☐</td><td>Manufacturing Process</td><td>☐</td></tr> <tr><td>Misidentified</td><td>☐</td><td>Past Due</td><td>☐</td></tr> </table> <table style="width:100%;"> <tr><td>Pressure/Forced</td><td>☐</td><td>Temperature/Cure</td><td>☐</td></tr> <tr><td>Bending</td><td>☐</td><td>Set-up</td><td>☐</td></tr> <tr><td>Centre Not Concentric</td><td>☐</td><td>BOM/Route</td><td>☐</td></tr> <tr><td>Cracks</td><td>☐</td><td>Broken/Damage/C</td><td>☐</td></tr> <tr><td>Crimp/Kink/Ripple/Wave</td><td>☐</td><td>Inspection Incom</td><td>☐</td></tr> <tr><td>Cuffs</td><td>☐</td><td>Contamination</td><td>☐</td></tr> <tr><td>Crushing</td><td>☐</td><td>Countersink</td><td>☐</td></tr> <tr><td>Heat Treat</td><td>☐</td><td>Cut Too Short</td><td>☐</td></tr> <tr><td>Wave/Twist in Tube</td><td>☐</td><td>Instructions Incomplete/Unclea</td><td>☐</td></tr> <tr><td>Marks/Chatter</td><td>☐</td><td>Drill Holes</td><td>☐</td></tr> </table>			Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐	Pressure/Forced	☐	Temperature/Cure	☐	Bending	☐	Set-up	☐	Centre Not Concentric	☐	BOM/Route	☐	Cracks	☐	Broken/Damage/C	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incom	☐	Cuffs	☐	Contamination	☐	Crushing	☐	Countersink	☐	Heat Treat	☐	Cut Too Short	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclea	☐	Marks/Chatter	☐	Drill Holes	☐
Environment	☐	No Re-verification	☐																																																																																							
Design	☐	Operator	☐																																																																																							
Doc/Data	☐	Offset/Setup	☐																																																																																							
Equip/Tooling	☐	Supplier	☐																																																																																							
Handling/Pre	☐	Training	☐																																																																																							
Material	☐	Use for Testing	☐																																																																																							
Internal Transport	☐	Poor Information	☐																																																																																							
Tribal Knowledge	☐	Rushing	☐																																																																																							
LOA	☐	Product Improvement	☐																																																																																							
Substation	☐	Process Improvement	☐																																																																																							
Past Expiry Date	☐	Manufacturing Process	☐																																																																																							
Misidentified	☐	Past Due	☐																																																																																							
Pressure/Forced	☐	Temperature/Cure	☐																																																																																							
Bending	☐	Set-up	☐																																																																																							
Centre Not Concentric	☐	BOM/Route	☐																																																																																							
Cracks	☐	Broken/Damage/C	☐																																																																																							
Crimp/Kink/Ripple/Wave	☐	Inspection Incom	☐																																																																																							
Cuffs	☐	Contamination	☐																																																																																							
Crushing	☐	Countersink	☐																																																																																							
Heat Treat	☐	Cut Too Short	☐																																																																																							
Wave/Twist in Tube	☐	Instructions Incomplete/Unclea	☐																																																																																							
Marks/Chatter	☐	Drill Holes	☐																																																																																							
OTHER : _____																																																																																										

Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K64 1K7
 CANADA
 TEL : 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

DART
 AEROSPACE
S032013

Bracket B

PART NO: 647-7811
Original Serial #: S032013
Revision:
Operation:
Change No:

Start up Operation 01/15/18
Job No: 169475



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914470

Date: 22-Jan-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
20 ea	Part: D2348 Wearplate (Key Way) Black Anodize per MIL-A-8625F, Type II, Class 2, .0004-.0010" (.4 - 1 mils). Job: 22342	Rev: C PO: PO038802 Line: 1	JAN 23 2018
10 ea	Part: 647.7811 Bracket B Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22343	Rev: A PO: PO038802 Line: 2	JAN 23 2018
6 ea	Part: 647.7812 Center Plate, Upper Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22344	Rev: A PO: PO038802 Line: 3	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>22/01/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada			

DQA:- _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					